



OASIS Collaboration Activities

May 2002

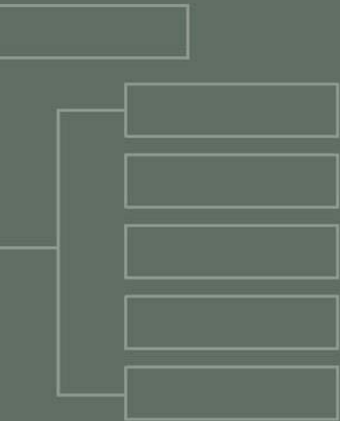
Karl Best
OASIS Vice President

Who is OASIS

- **OASIS is a member-led consortium dedicated to building systems interoperability specifications**
 - Member-elected Board of Directors and Technical Advisory Board
 - Member-driven standards process
- **We focus on industry applications of structured information standards such as XML**
 - Nearly 60 technical committees (TCs) in the areas of web services, e-business, security, public sector, vertical implementations, etc.
- **Members of OASIS are providers, users and specialists of standards-based technologies and include organizations and agencies, individuals, and industry groups.**
 - 375+ organizational members, ~300 individual members
 - 40% of membership outside of U.S.
- **Successful through industry-wide collaboration**



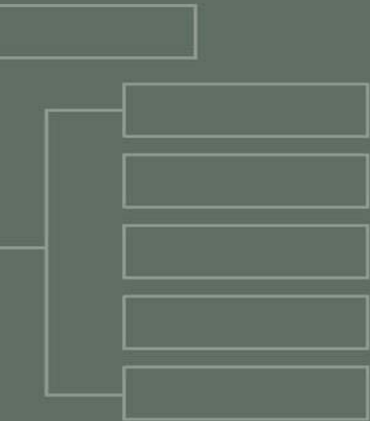
OASIS Conceptual Model



D E S I G N
D E V E L O P
D E P L O Y

Why an OASIS Conceptual Model?

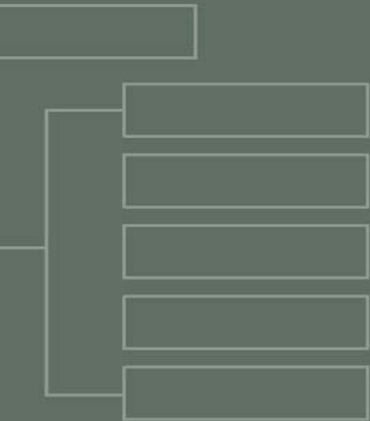
- A descriptive, strategic framework to promote coordination of OASIS technical efforts
- A communication vehicle to promote collaboration with other industry standards organizations
- Describes high-level architecture components of web service and e-business solutions



DESIGN
DEVELOP
DEPLOY

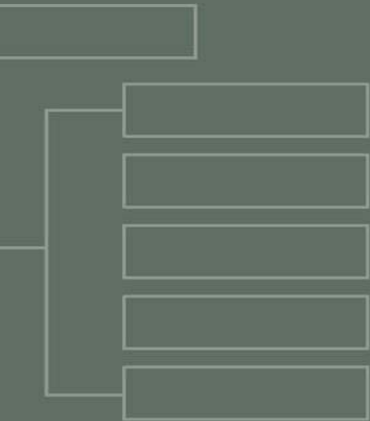
A descriptive model to help us move forward

- Categorize different domains covered by OASIS TCs
 - Develop cohesive architecture vision
 - Generate synergy among TCs
 - Identify new areas to explore
- Descriptive, not Prescriptive

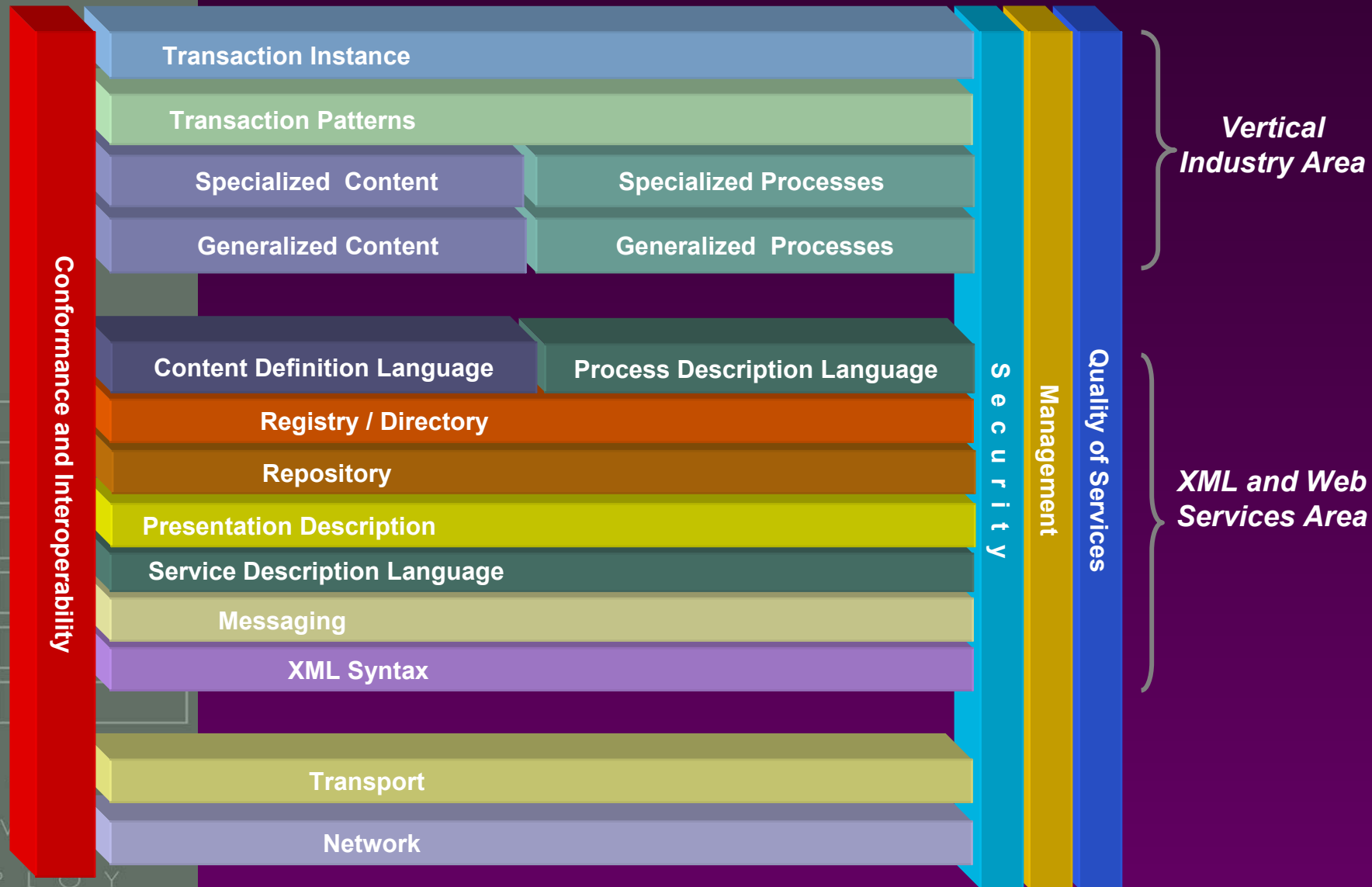


General Functional Areas

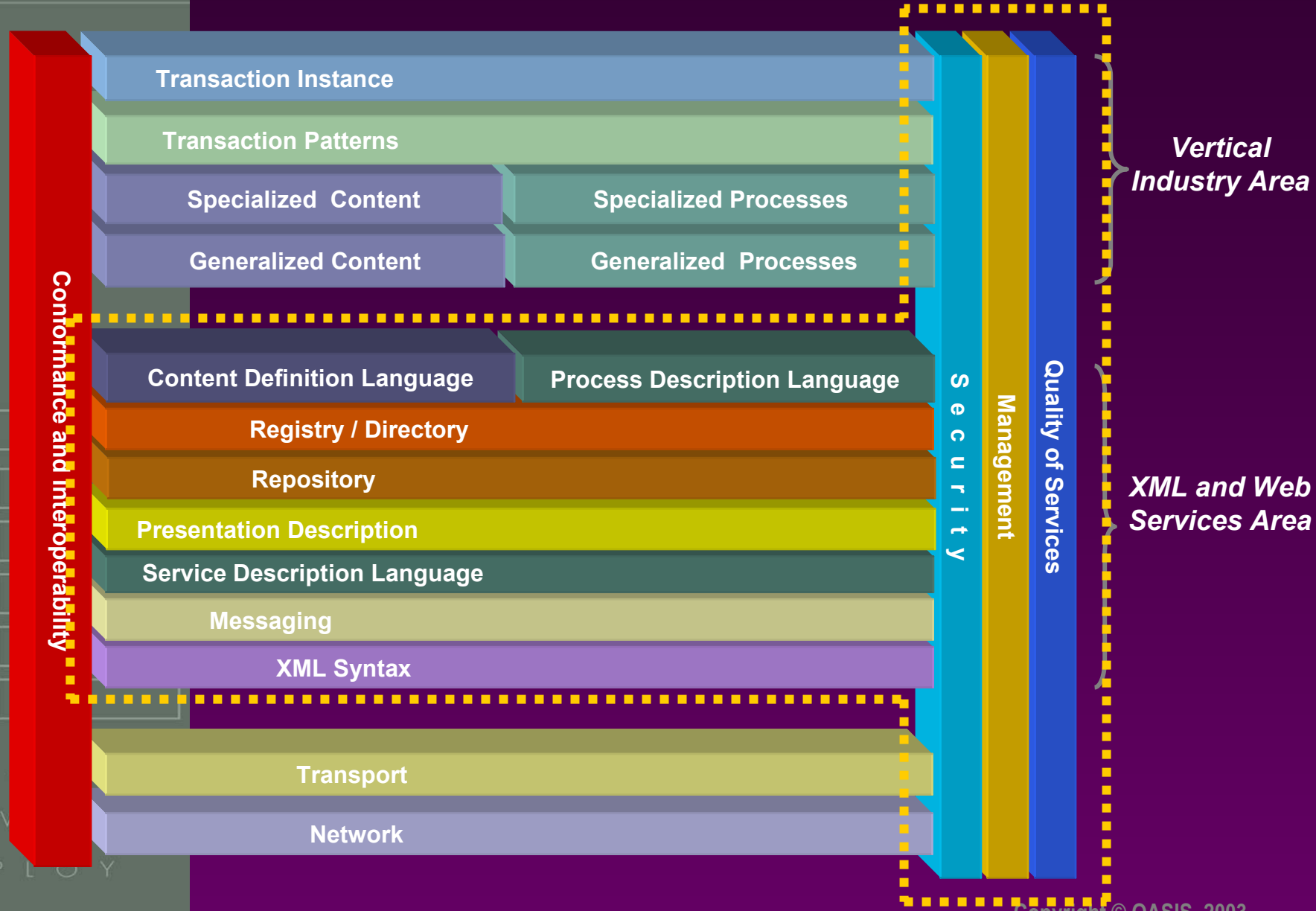
- A three-layer model to categorize OASIS TCs
 - Areas -> Topics -> TCs
- Three major areas
 - Conformance and Interoperability Area
 - Vertical Area
 - XML and Web Services Area
- Plus: areas where OASIS does not participate



Conceptual Model For OASIS

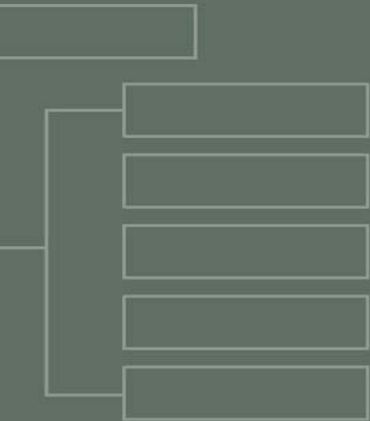


The XML and Web Services Area



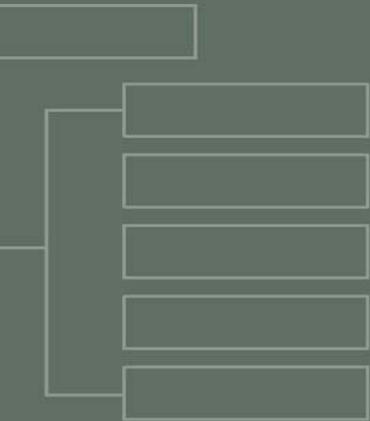
OASIS TCs: XML and Web Services

- **Registries, Repositories, and Directories**
 - Directory Services (DSML)
 - ebXML Registry
 - UDDI Specs
- **Messaging**
 - ebXML Messaging
 - Web Services Reliable Messaging (WSRM)
- **Content Definition Language**
 - Universal Business Language (UBL)



OASIS TCs: XML and Web Services (cont.)

- **Security**
 - **Access Control (XACML)**
 - **Common Biometric Format (XCBF)**
 - **Digital Signature Services (DSS)**
 - **Extensible Resource Identifier (XRI)**
 - **Public Key Infrastructure (PKI)**
 - **Rights Language (RLTC)**
 - **Security Services (SAML)**
 - **Web Services Security (WSS)**



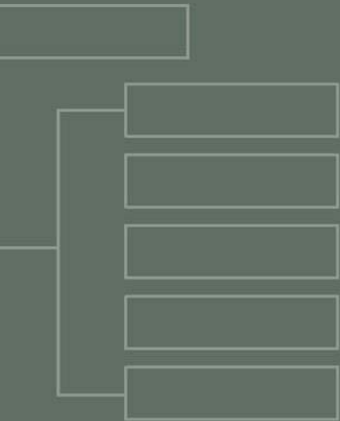
D E S I G N
D E V E L O P
D E P L O Y

OASIS TCs: XML and Web Services (cont.)

- **Process Description Language**
 - Business Transaction Protocol (BTP)
 - Web Services Business Process Execution Language (WSBPEL)
- **Presentation Description**
 - User Interface (UIML)
 - Web Services for Interactive Applications (WSIA)
 - Web Services Remote Portal (WSRP)
- **Management**
 - Management Protocol
 - Web Services Distributed Management (WSDM)



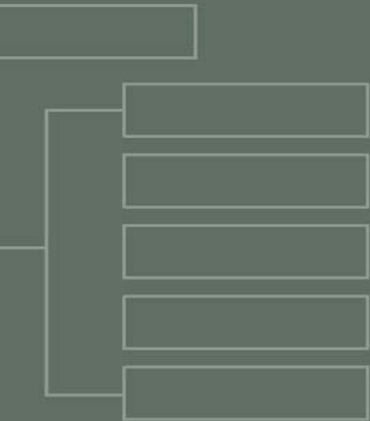
OASIS Standards Registry



D E S I G N
D E V E L O P
D E P L O Y

Interoperability Summit, Dec 2001: Barriers to Interoperability

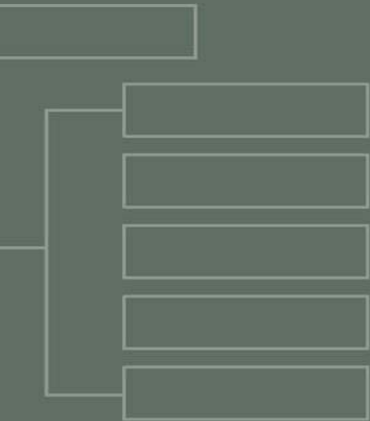
- **Turf battles / “Not Invented Here”**
- **Scope and process differences**
- **Different technical models and architectures**
- **Lack of common vocabulary**
- **Information sharing**



D E S I G N
D E V E L O P
D E P L O Y

Best practical solution

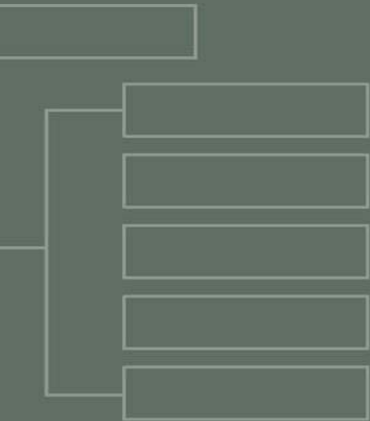
- **Information Sharing**
 - Sharing information about each organizations' work
 - Then, each organization can identify overlaps and areas for collaboration, and negotiate specific relationships
- **Common Vocabulary**
 - Shared glossary of terminology
 - Each org contribute and own their own terms, but share with others



D E S I G N
D E V E L O P
D E P L O Y

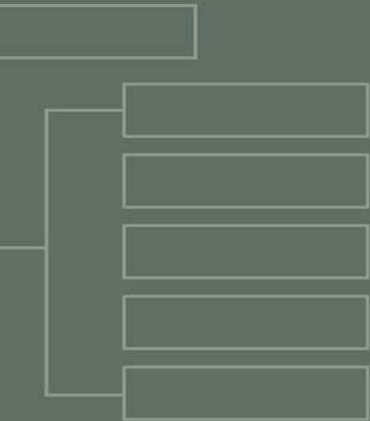
The goal:

- **For standards developers**
 - Promote collaborative standards work
 - Promote interoperable specifications
 - Prevent overlap or duplicative work
 - Promote involvement of all interested parties
 - Promote consistent use of terminology
- **For standards users**
 - Promote involvement of all interested parties in standards development process
 - Promote use of and adherence to standards by vendors
 - Promote understanding of specifications



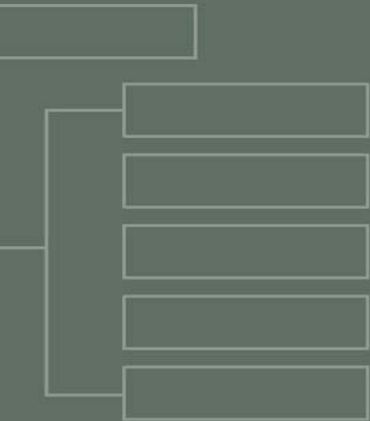
The Standards Registry Committee

- Develop metadata for a registry of standards efforts; standard description of SDO work
- Ad hoc committee; not under any organization's process
- First meeting February 2002; completed work March 2003; work submitted to ISO/IEC JTC1 SC32
- Officers: Karl Best (OASIS), chair; John Ketchell (CEN/ISSS), secretariat; Bob Hager (ANSI), editor
- <http://www.ansi.org/Public/Stdsreg/stdsreg.html>

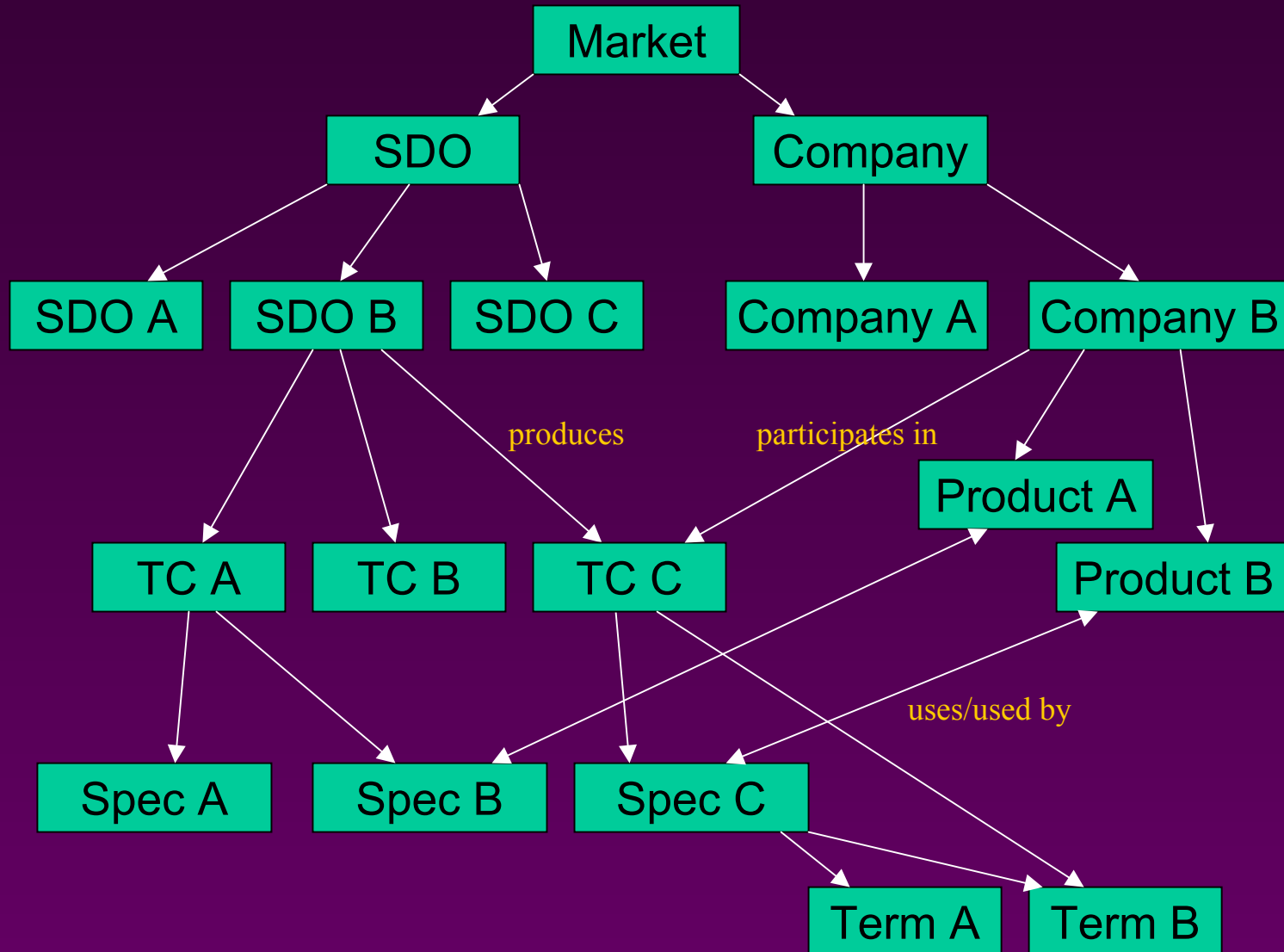


OASIS Registry

- **Current XML.org Registry launched June 2000; registry and repository for XML schemas**
- **New Registry**
 - Initially just OASIS TCs; later phase will include other orgs' work
 - Specification registry: scope, description, status of deliverables (using StdsReg metadata); location on Conceptual Model map
 - Glossary of terms; promote consistent use of terminology

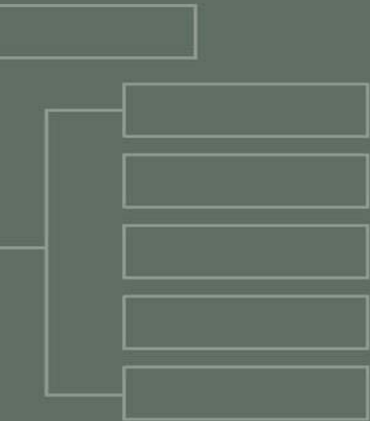


OASIS Registry Hierarchy



Schedule for OASIS registry

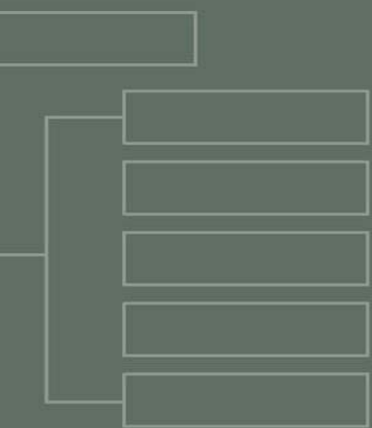
- Has been internally prototyped
- Development started;
completion/launch scheduled for early 3Q



D E S I G N
D E V E L O P
D E P L O Y

For more information...

- www.oasis-open.org
- www.xml.org
- **Karl Best, OASIS VP**
karl.best@oasis-open.org
+1 978-667-5115 x206



D E S I G N
D E V E L O P
D E P L O Y